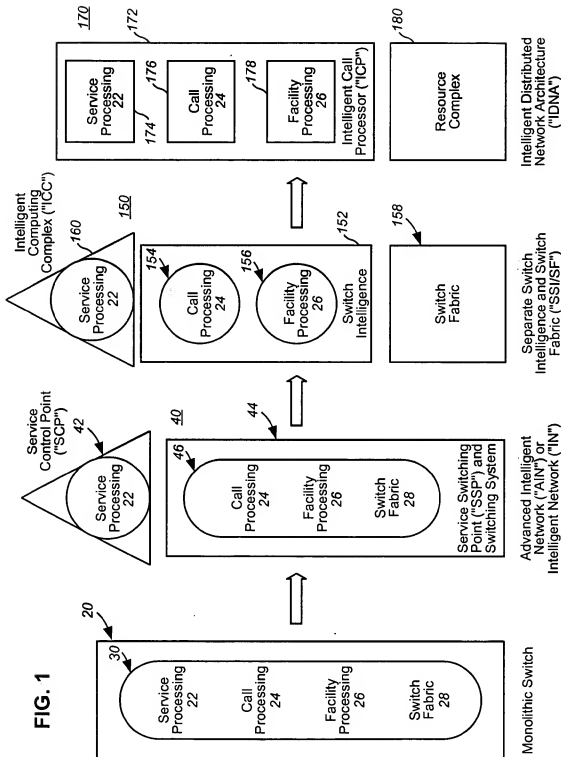


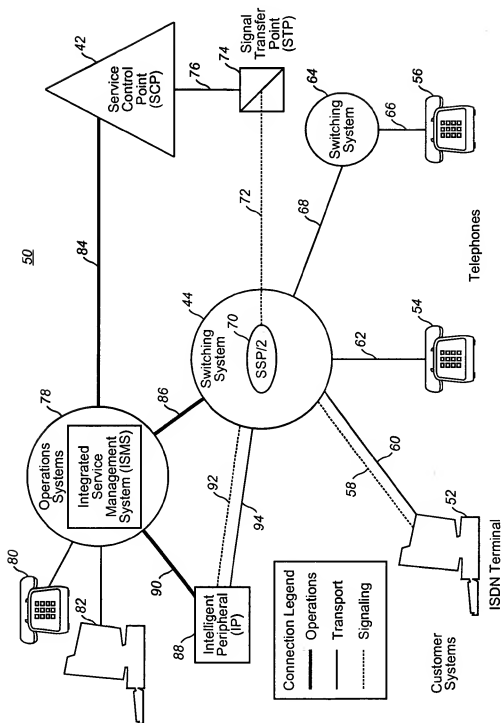


1/61

FIG. 1

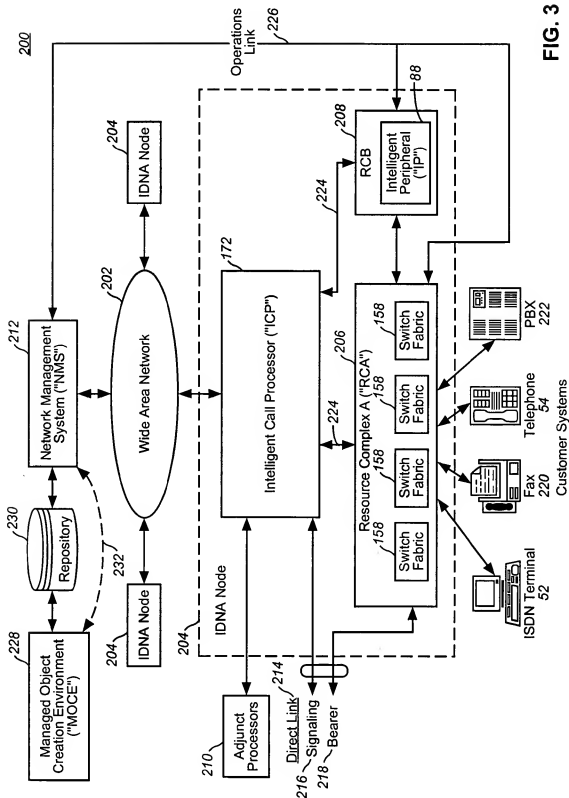


2/61



(Prior Art)  
 FIG. 2

3/61



4/61

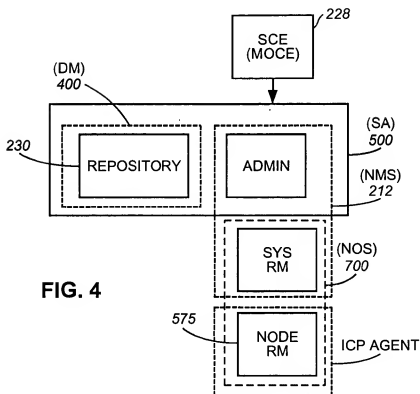


FIG. 4

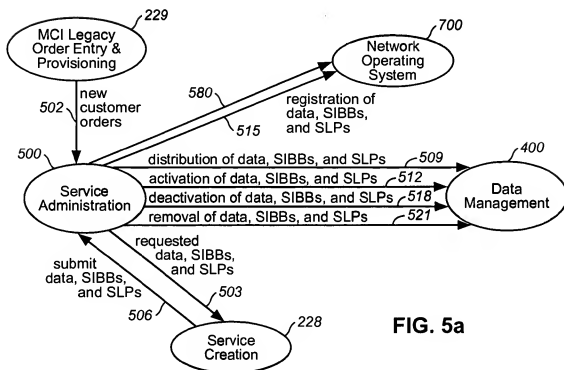
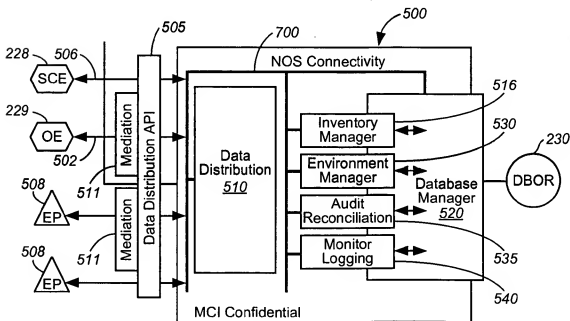


FIG. 5a

**FIG. 5b**



**FIG. 5c**

6/61

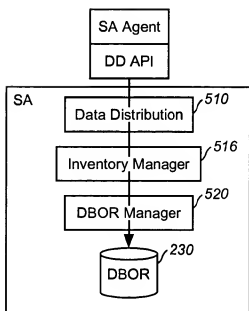


FIG. 5d

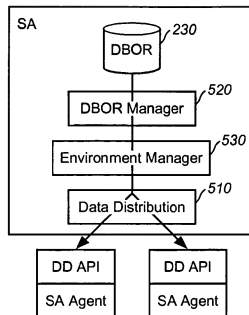


FIG. 5e

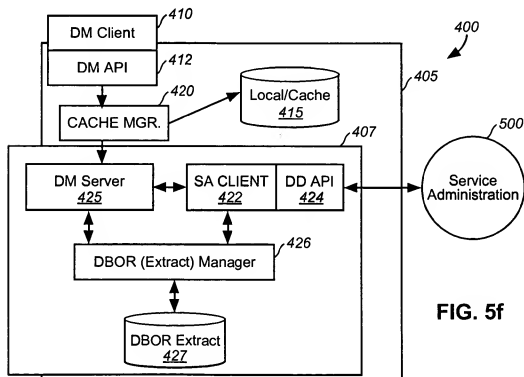
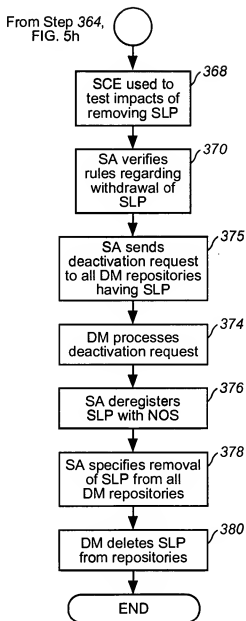
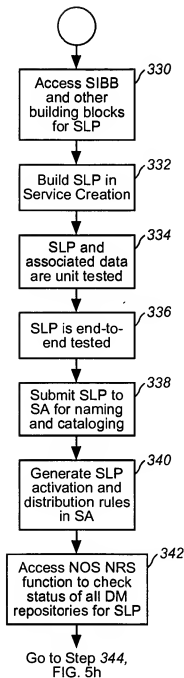
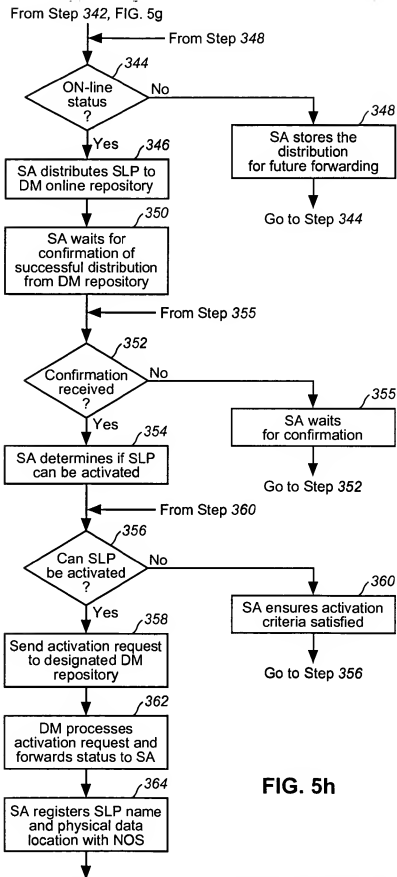


FIG. 5f

7/61



8/61





9/61

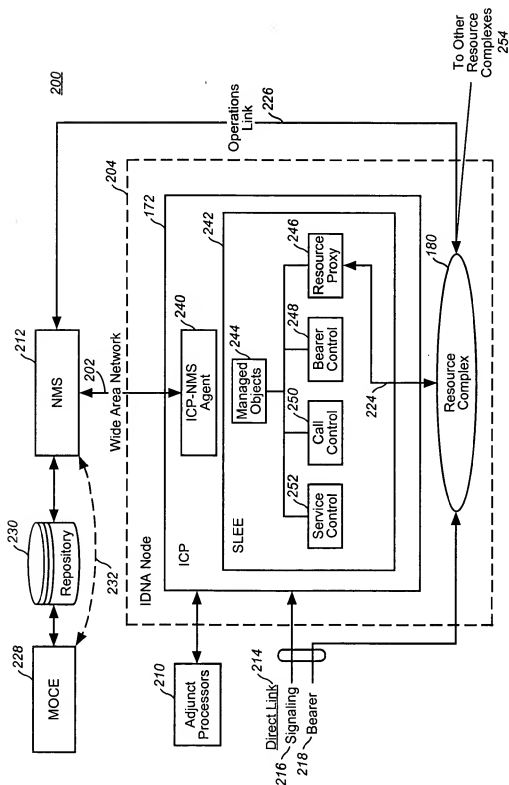
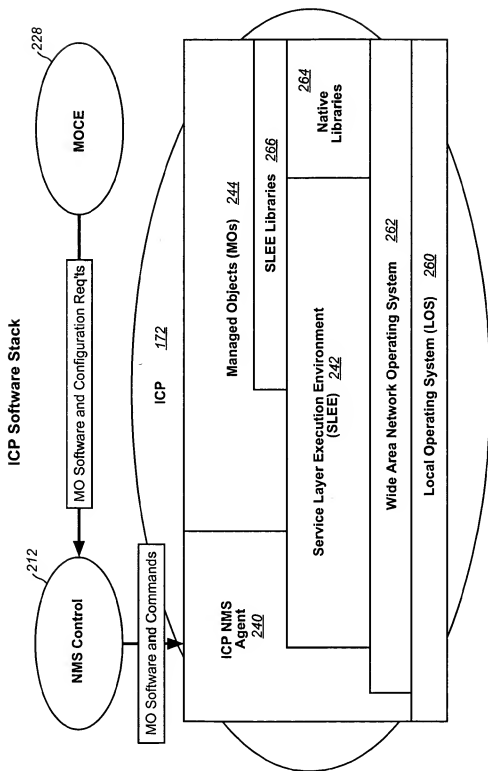


FIG. 6

10/61



**FIG. 7**

11/61

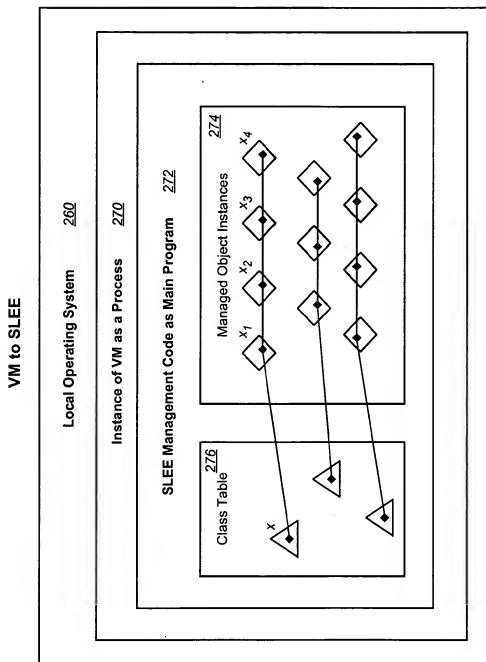


FIG. 8

12/61

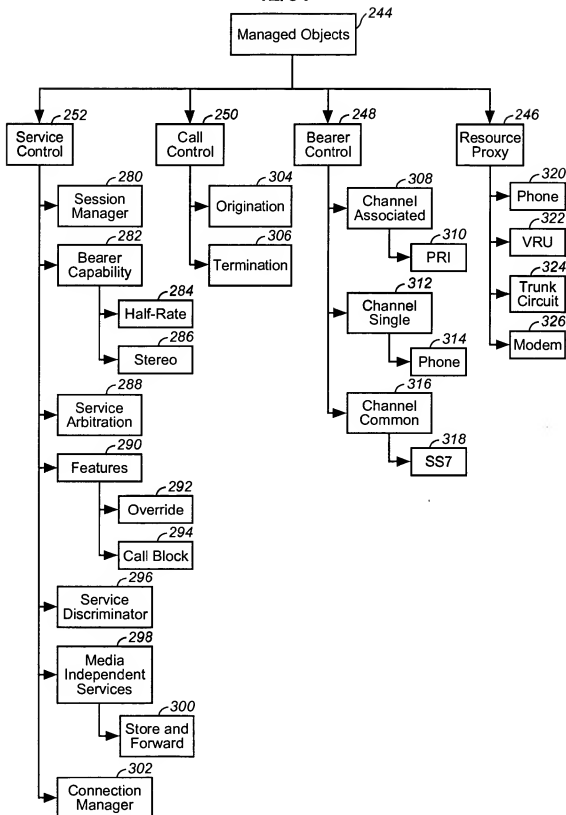
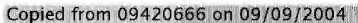
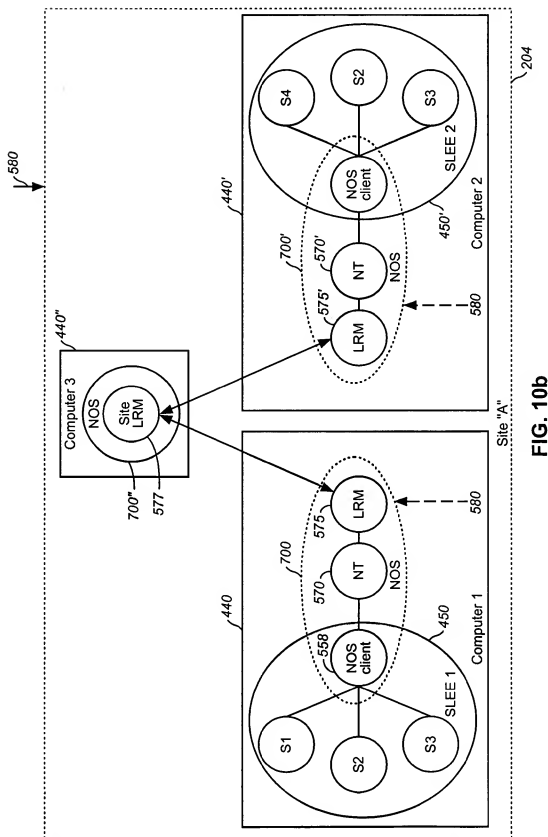


FIG. 9

**FIG. 10a**



14/61



15/61

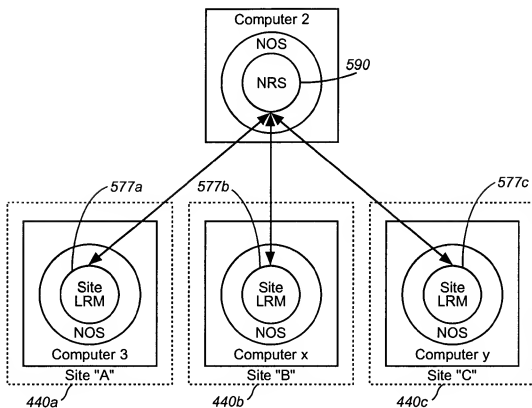


FIG. 10c

16/61

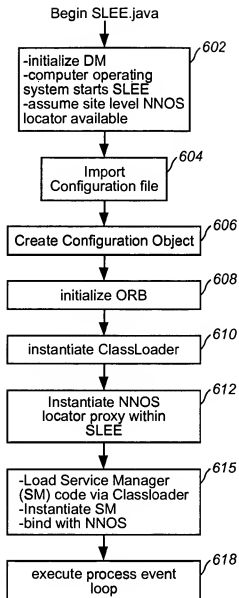


FIG. 11a



17/61

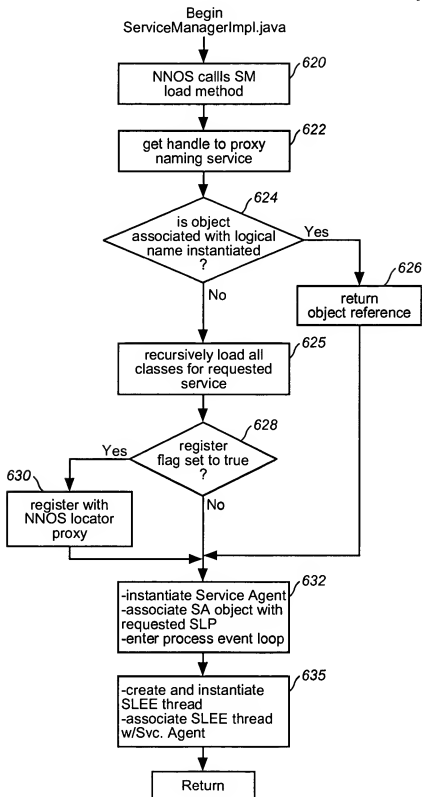


FIG. 11b

18/61

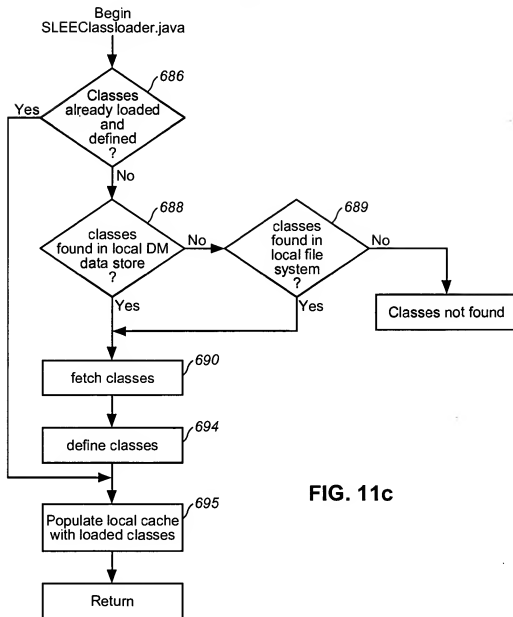
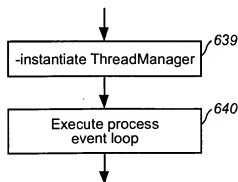


FIG. 11c

FIG. 11d



19/61

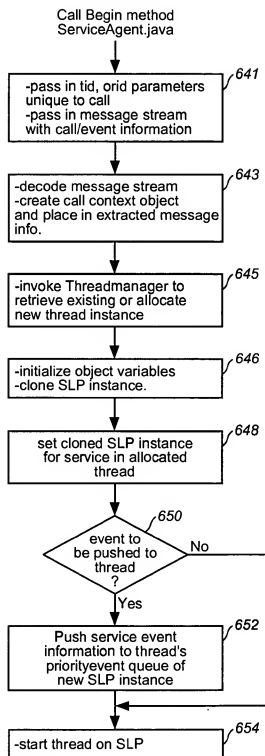


FIG. 11e

20/61

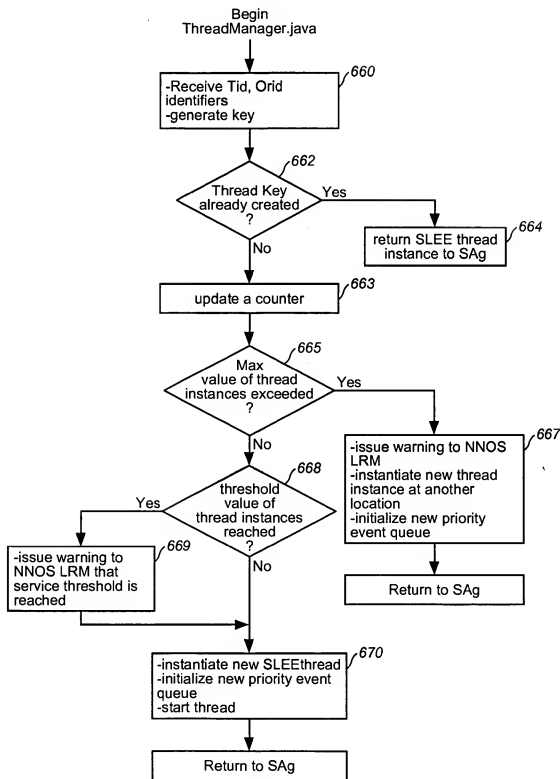


FIG. 11f

21/61

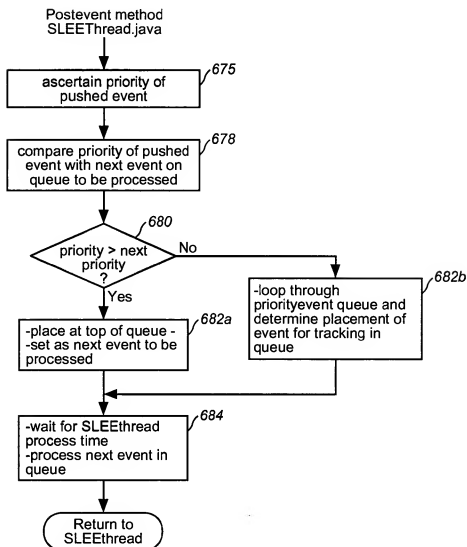
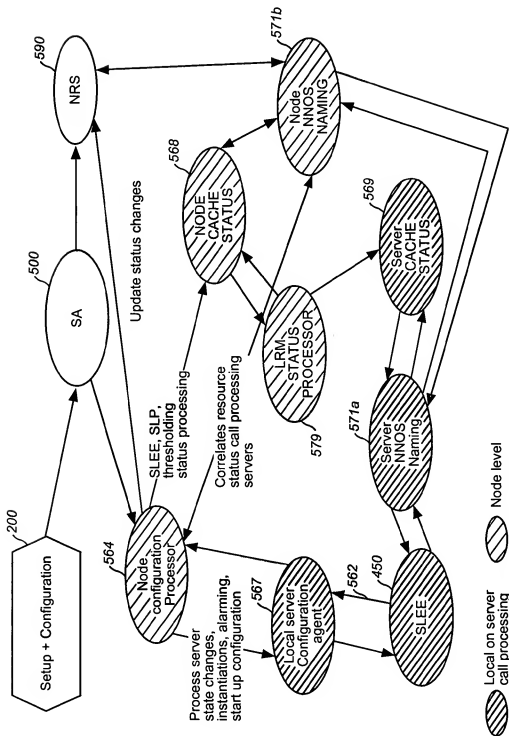


FIG. 11g

22/61



23/61

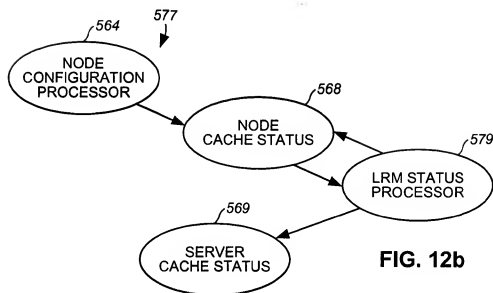


FIG. 12b

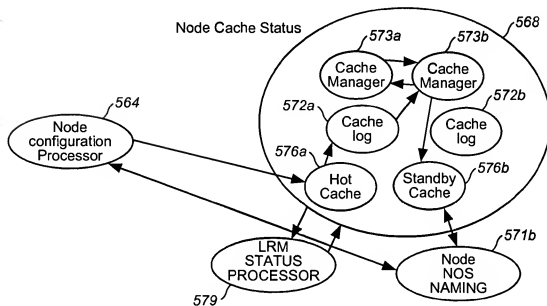
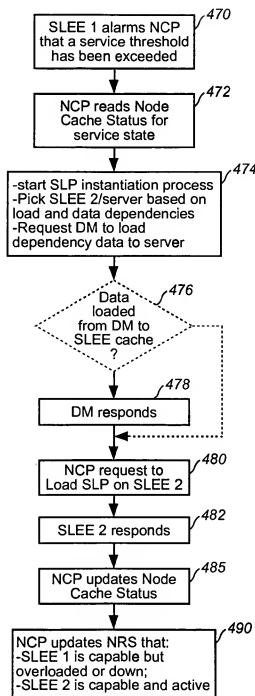
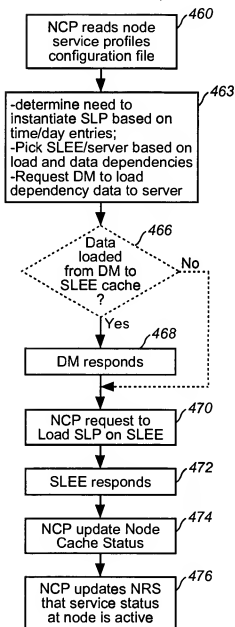


FIG. 12c

24/61





25/61

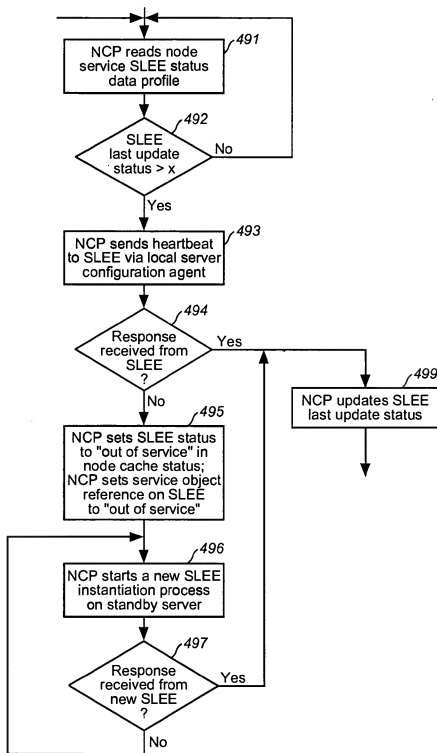
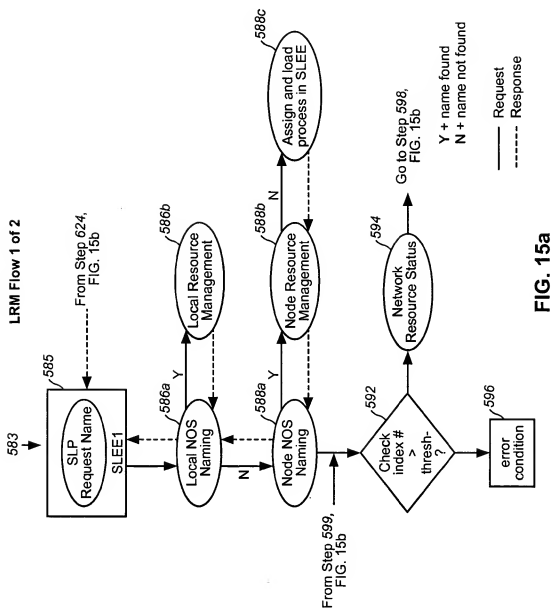


FIG. 14b

26/61



27/61

LRM Flow 2 of 2

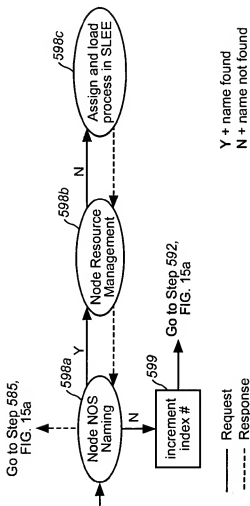


FIG. 15b

28/61

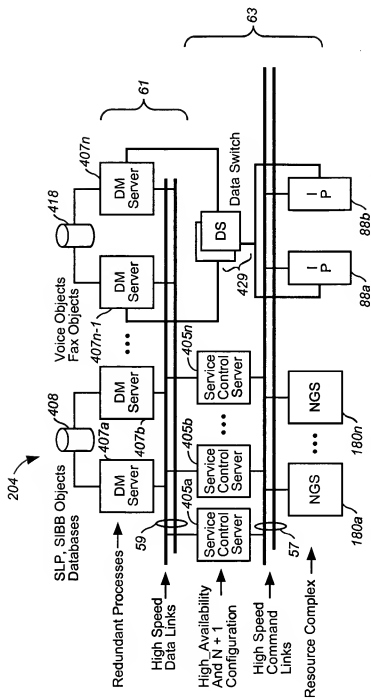
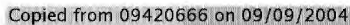
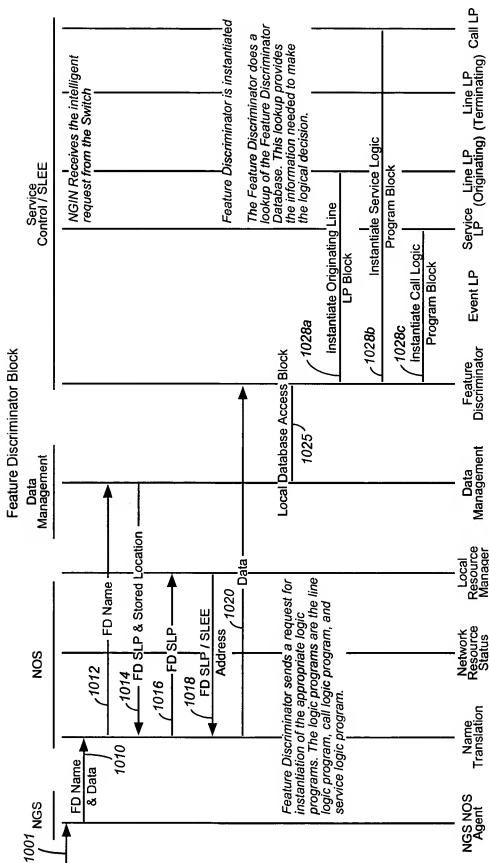


FIG. 16





30/61

FIG. 18a

31/61

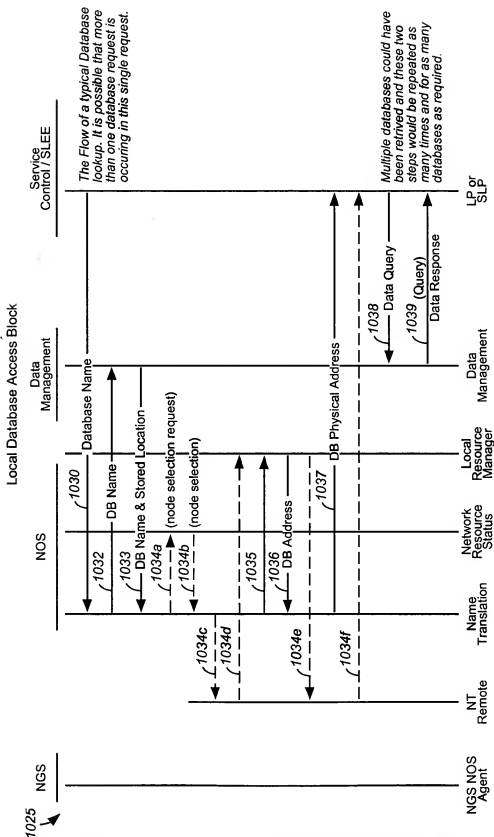
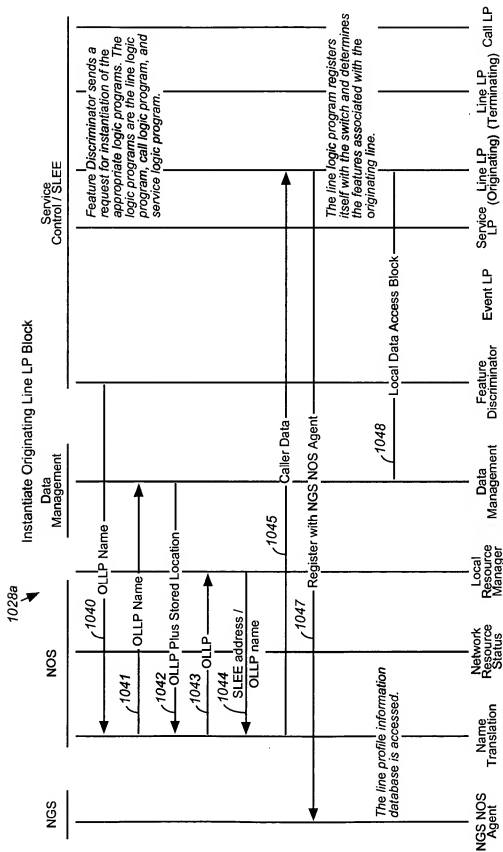


FIG. 18b



32/61

FIG. 18c



33/61

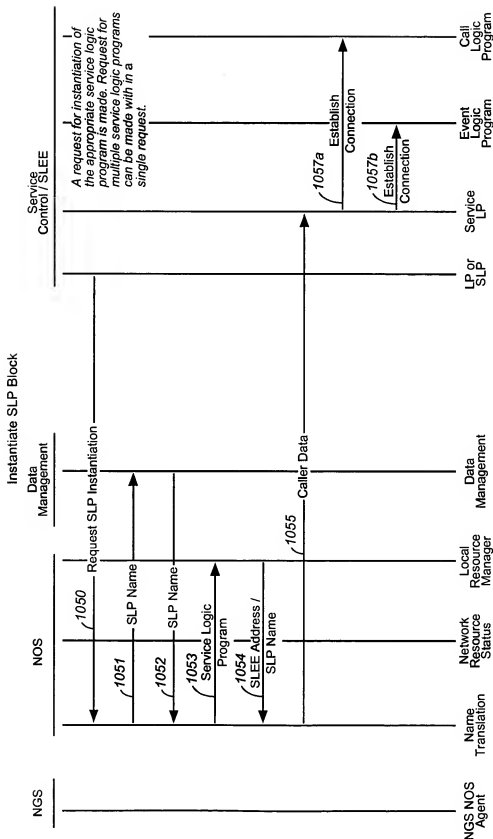
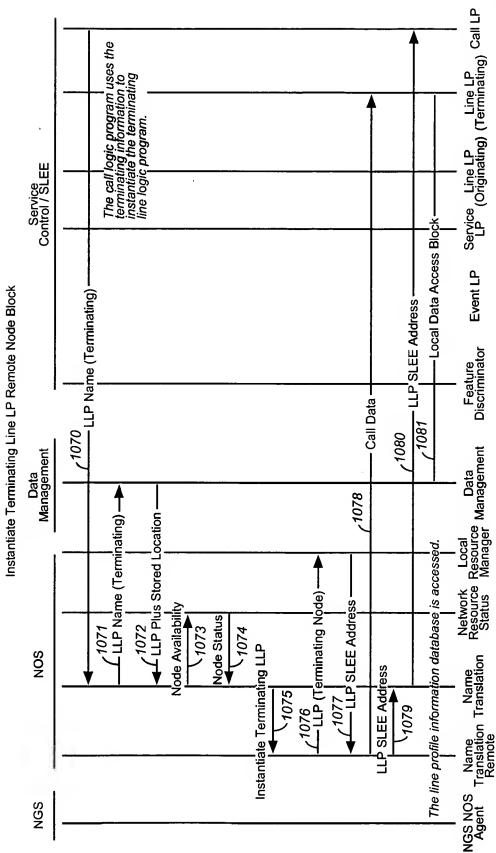


FIG. 18d



34/61

FIG. 18e



**FIG. 18f**

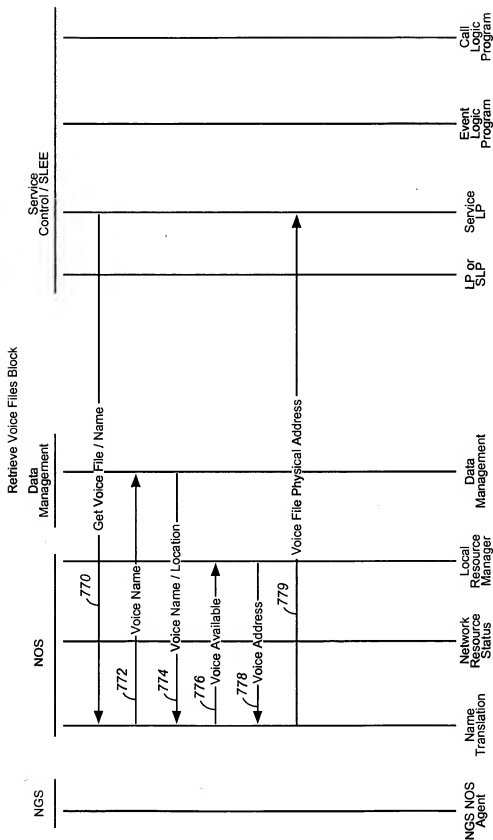
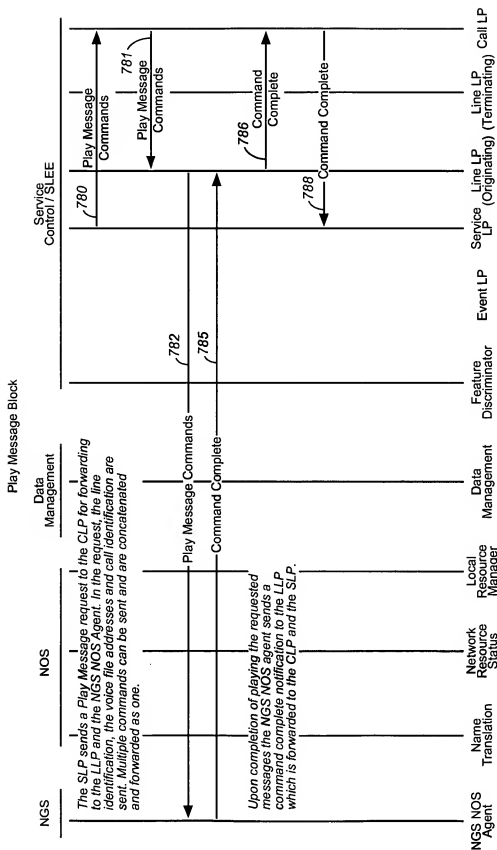
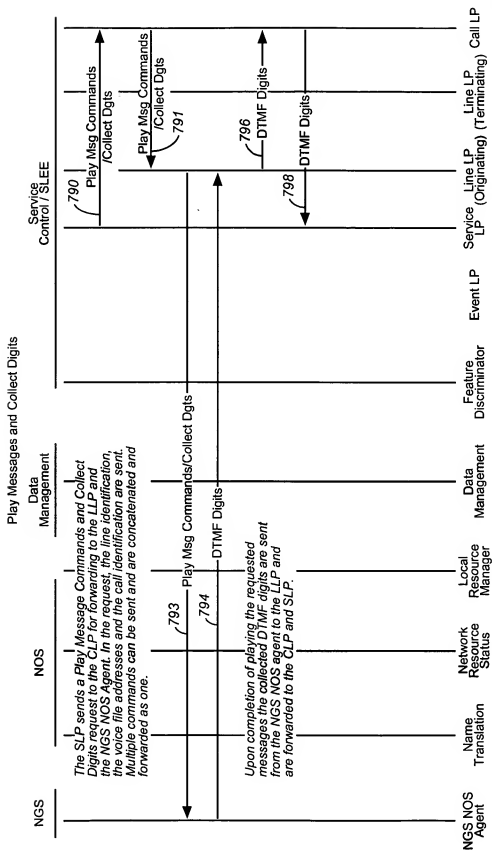


FIG. 18g



37/61

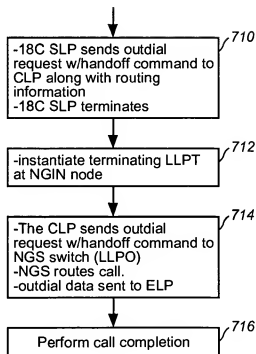
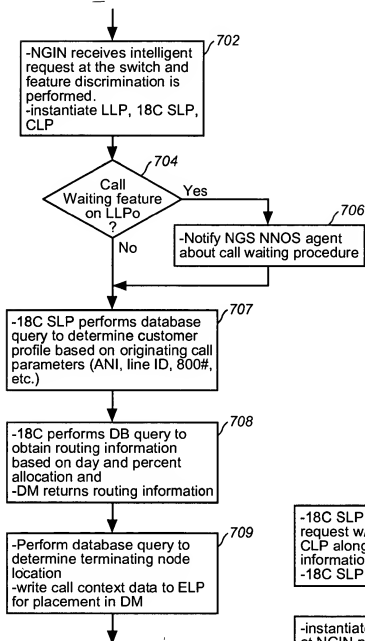
FIG. 18h



38/61

FIG. 18i

39/61



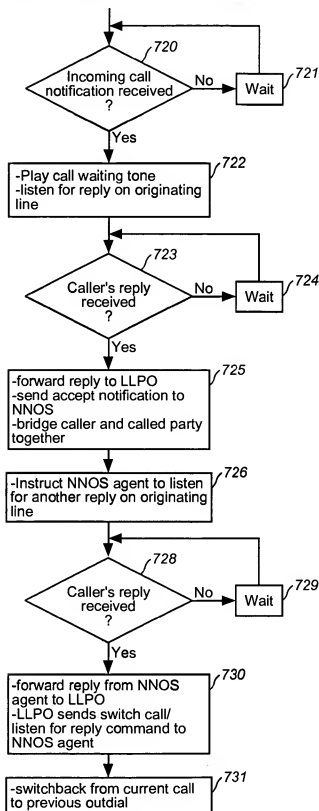
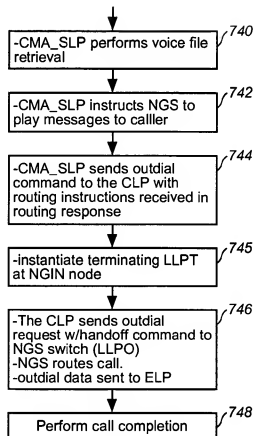
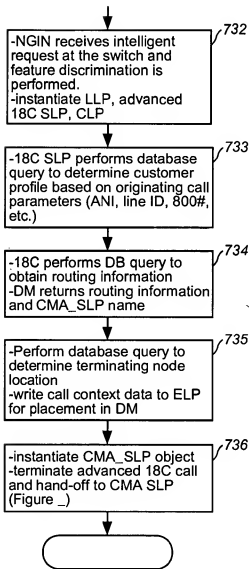


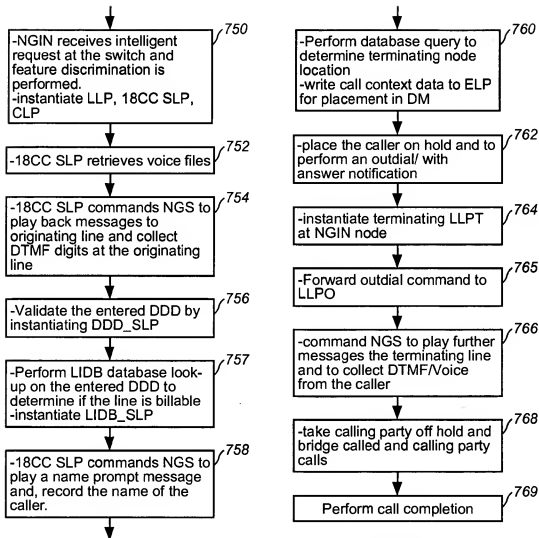
FIG. 19c



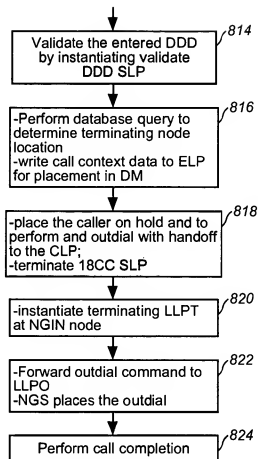
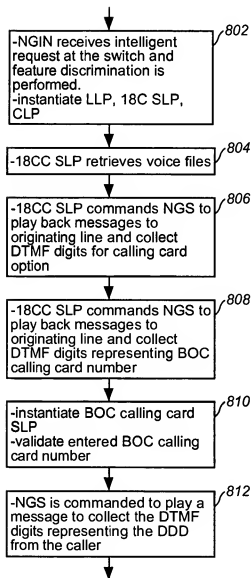
41/61



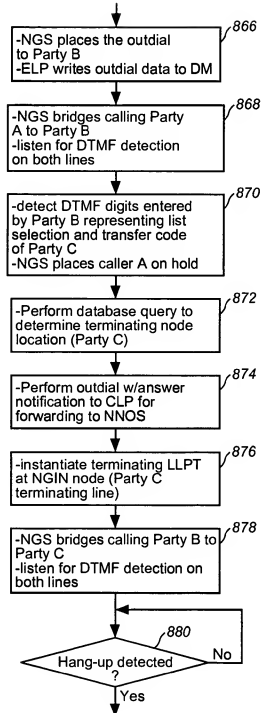
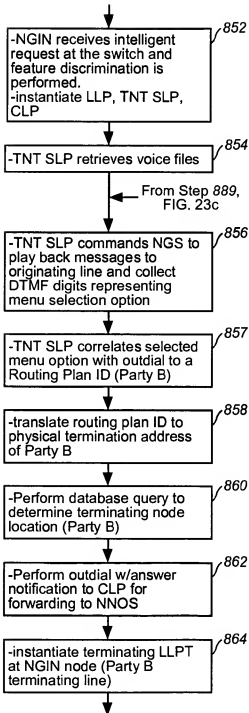
42/61



43/61



44/61



45/61

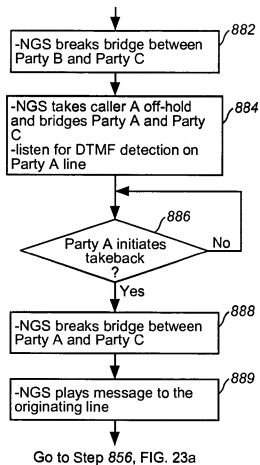
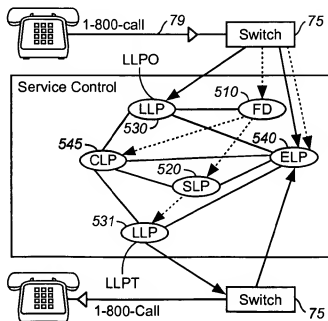


FIG. 24



**FIG. 25**

**47/61**

1841	SLP Name: The 18C SLP sends the logical 18C QA SLP to NT for name translation.
1842	SLP Name: NT sends the logical 18C QA SLP Name to DM.
1843	SLP Name Plus Stored Locations: DM returns the actual 18C QA SLP name plus all the locations where it is stored.
1844	Node Selection Request: NT queries the NRS to determine the best node that is able to run the 18C QA SLP. This is done based on location and node status.
1845	Node Selection: NRS returns to NT the selected node.
1846	Instantiate Remote SLP: The NT of the local node requests the NT of the remote node to instantiate the 18C QA SLP.
1847	18C QA SLP (Remote Node): The NT on the remote node queries its LRM to determine if the 18C QA SLP is already instantiated on this node. If not, it instantiates the SLP.

**FIG. 26a**

1848	Query Data (Remote Node): The LRM of the remote node forwards the query data to the QA_SP. The query includes the return address of the 18C SLP and the associated CLP.
------	---

**FIG. 26b**

1849	LP Name: The 18C SLP sends the logical 18C QA_SP LP name to NT for name translation.
1850	LP Name: NT sends the logical 18C QA SP LP Name to DM.
1851	LP Name Plus Stored Locations: DM returns the actual 18C QA SLP name plus all the locations where it is stored.
1852	Node Selection Request: NT queries the NRS to determine the best node that is able to run the 18C QA SLP. This is done based on location and node status.
1853	Node Selection: NRS returns to NT the selected node.
1854	Instantiate Remote SLP: The NT of the local node requests the NT of the remote node to instantiate the 18C QA SLP.
1855	18C QA SLP (Remote Node): The NT on the remote node queries its LRM to determine if the 18C QA SLP is already instantiated on this node. If not, it instantiates the SLP.
1856	Query Data (Remote Node): The LRM of the remote node forwards the query data to the QA_ACL. The query includes the return address of the QA_SP.
1857	Query Answer: The QA_ACL processes the query and the result is returned to the QA_SP.

**FIG. 26c**

## 48/61

1858	LP Name: The QA_SP LP sends the logical QA_CQS LP name to NT for name translation.
1859	LP Name: NT sends the logical QA_CQS LP Name to DM.
1860	LP Name Plus Stored Locations: DM returns the actual QA_CQS LP name plus all the locations where it is stored. It is determined that this LP is stored locally and may be executed at this node.
1861	LP: The NT queries its LRM to determine if the QA_CQS LP is already instantiated at this node. If not, it instantiates the LP.
1862	LP SLEE Address: The LRM returns to NT the SLEE address where the QA_CQS LP is running.
1863	Data: The LRM forwards the data to the QA_CQS LP.

**FIG. 26d**

1864	LP Name: The QA_SP LP sends the logical CQ LP to NT for name translation.
1865	LP Name: NT sends the logical CQ LP Name to DM.
1866	SLP Name Plus Stored Locations: DM returns the actual CQ LP name plus all the locations where it is stored.
1867	Node Selection Request: NT queries the NRS to determine the best node that is able to run the CQ LP. This is done based on location and node status.
1868	Node Selection: NRS returns to NT the selected node.
1869	Instantiate Remote LP: The NT of the local node requests the NT of the remote node to instantiate the CQ LP.
1870	CQ LP (Remote Node): The NT on the remote node queries its LRM to determine if the CQ LP is already instantiated on this node. If not, it instantiates the LP.
1871	Data (Remote Node): The LRM of the remote node forwards the data to the CQ.

**FIG. 26e**

1881	LP Name: The SCA LP sends the logical QA_CP LP name to NT for name translation.
1882	LP Name: NT sends the logical QA_CP LP Name to DM.
1883	LP Name Plus Stored Locations: DM returns the actual QA_CP LP name plus all the locations where it is stored.
1884	Node Selection Request: NT queries the NRS to determine the best node that is able to run the QA_CP LP. This is done based on location and node status.
1885	Node Selection: NRS returns to NT the selected node.
1886	Instantiate Remote SLP: The NT of the local node requests the NT of the remote node to instantiate the QA_CP LP.
1887	QA_CP LP (Remote Node): The NT on the remote node queries its LRM to determine if the QA_CP LP is already instantiated on this node. If not, it instantiates the SLP.
1888	Data (Remote Node): The LRM of the remote node forwards the data to the QA_CP LP. This data will contain the logical name of the operator termination location.

**FIG. 26f**



49/61

1889	LP Name: The CP LP sends the logical Call Queue Status LP name to NT for name translation.
1890	LP Name: NT sends the logical Call Queue Status LP Name to DM.
1891	LP Name Plus Stored Locations: DM returns the actual Call Queue Status LP name plus all the locations where it is stored.
1892	Node Selection Request: NT queries the NRS to determine the best node that is able to run the Call Queue Status LP. This is done based on location and node status.
1893	Node Selection: NRS returns to NT the selected node.
1894	Instantiate Remote SLP: The NT of the local node requests the NT of the remote node to instantiate the Call Queue Status LP.
1895	Call Queue Status LP (Remote Node): The NT on the remote node queries its LRM to determine if the Call Queue Status LP is already instantiated on this node. If not, it instantiates the SLP.
1896	Query (Remote Node): The LRM of the remote node forwards the query to the Call Queue Status LP.
1897	Response (Remote Node): The LRM of the remote node forwards the response to the CP. The response will contain the address of the CQ and the SLP which is waiting on the capability.

FIG. 26g

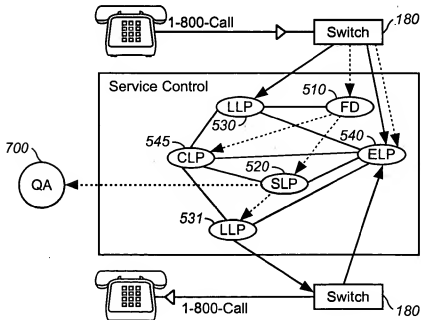


FIG. 29

[illegible]

**FIG. 27a**

51/61

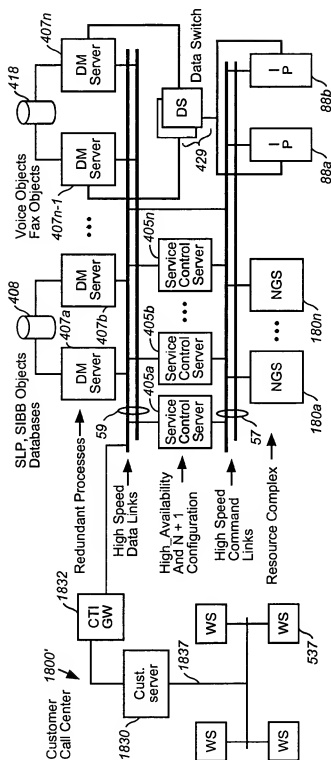


FIG. 27b

52/61

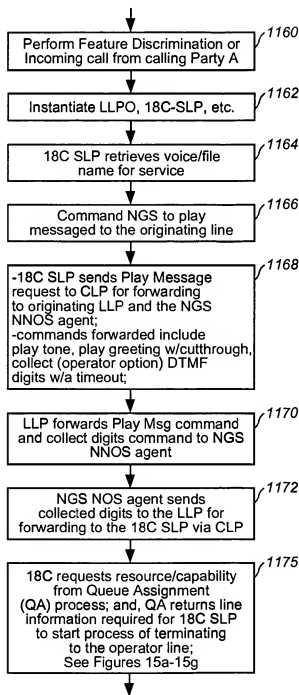


FIG. 28a

53/61

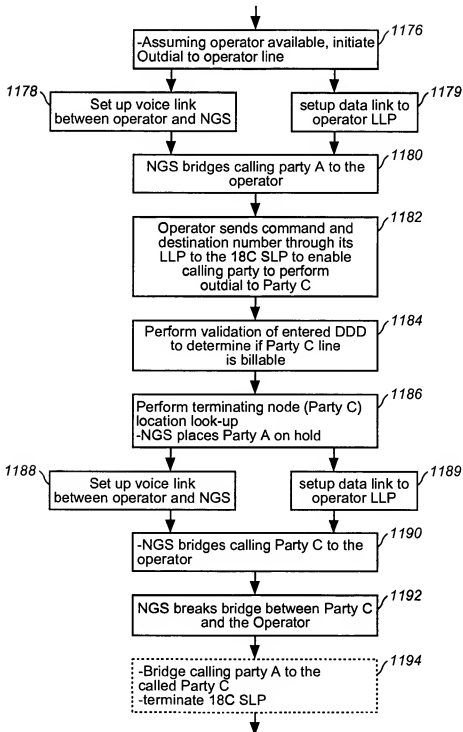
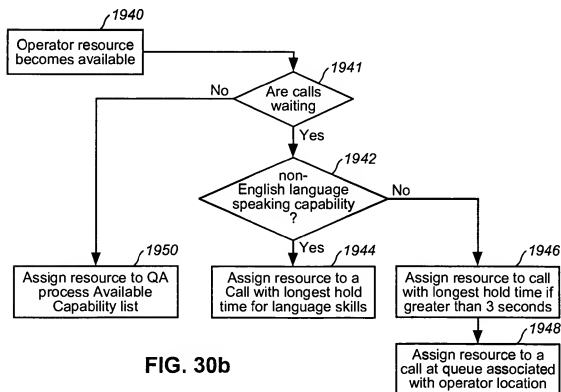
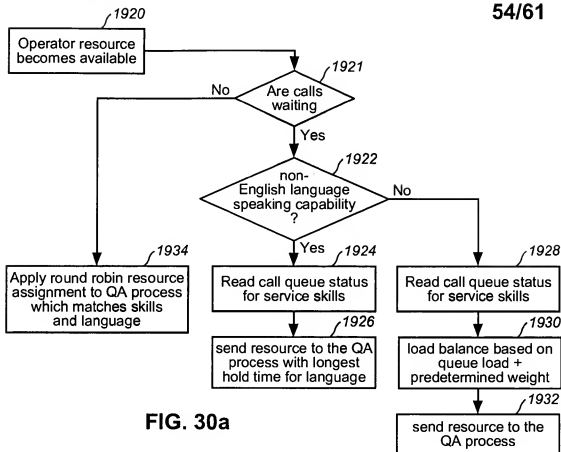


FIG. 28b

54/61



55/61



56/61

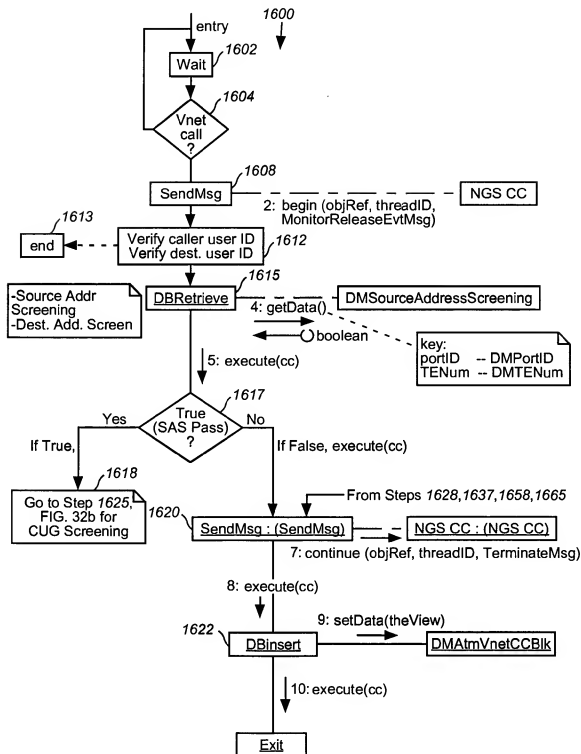
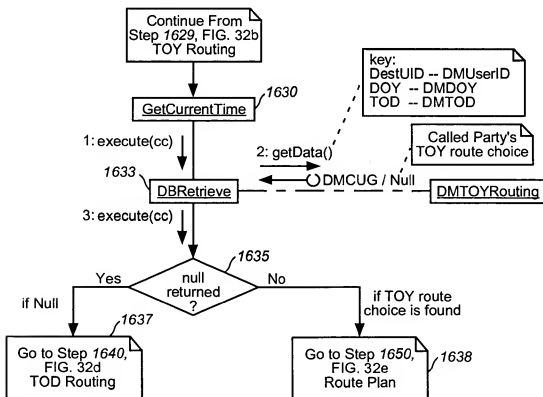
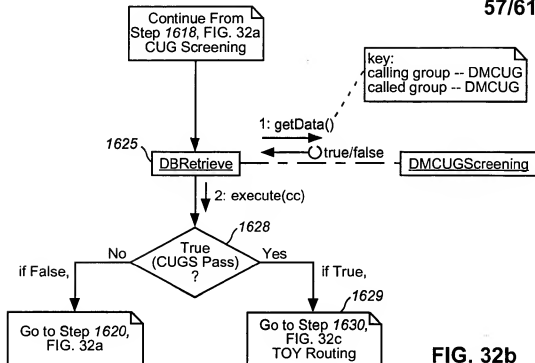


FIG. 32a



57/61



58/61

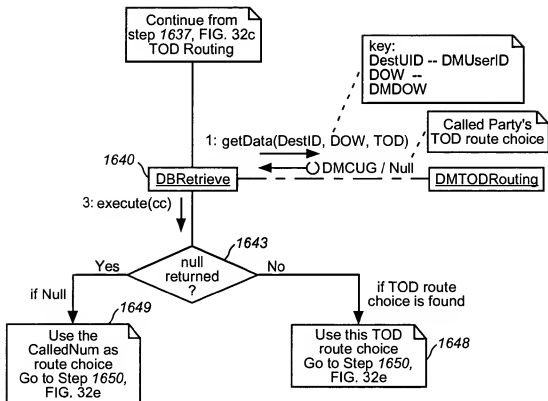


FIG. 32d

59/61

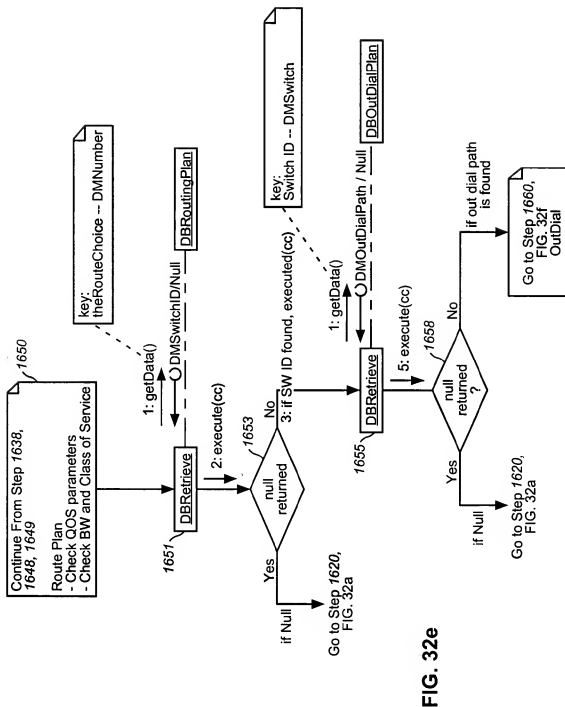
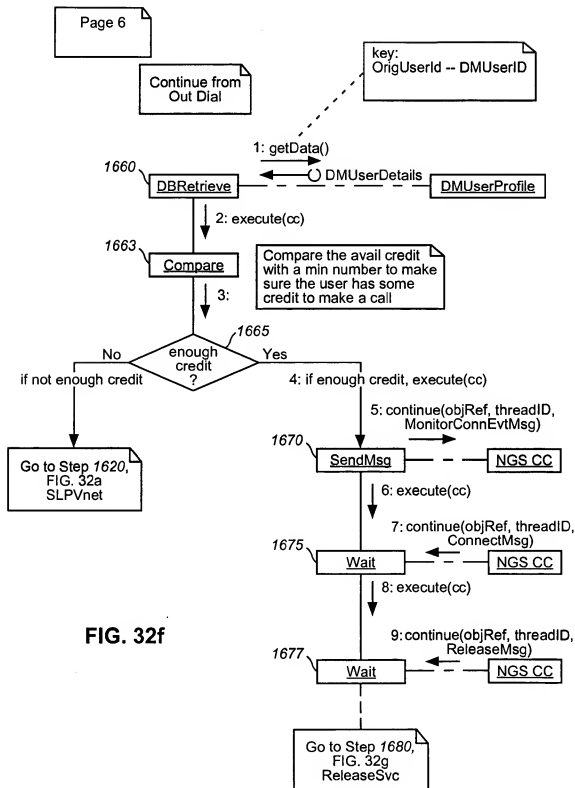


FIG. 32e

60/61



61/61

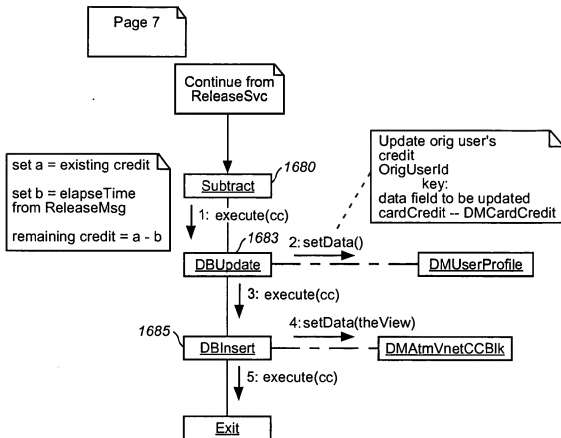


FIG. 32g